

Mayo, Donna

From: Butler, Lane
Sent: Tuesday, April 29, 2003 4:49 PM
To: #ER Contact Records
Subject: 903 Pad Sampling at S2

On April 17, 2003 Lane Butler contacted Norma Castaneda of DOE and seperately called Tim Rehder of EPA to discuss the following issue at 903 Pad and inform them of our actions. Excavation at cell S2 had been completed on April 16th. The confirmation sample was collected with a field screening reading of 3.1 pCi/g. A randon sample was collected with a field screening result of ~26 pCi/g. The normal procedure is to make decisions based on the confirmation sample results even with expected variation from the random sample. However, due to the significantly higher random sample results in this case, KH took the conservative action to excavate another six inches in the quadrant of the cell where the random sample was taken. After the extra excavation another sample was collected in the excavated quadrant with a result of 0 pCi/g. A decision by a member of the field crew was made to collect another field screening sample near the initial confirmation sample. The result of this sample was ~14 pCi/g. However, this sample was determined not to be consistent with procedure as a confirmation sample upon which to base excavation and backfill decisions. Consistent with the results of the initial confirmation the cell was backfilled and the tent was moved.

